Analysis Phase
Duration 19.438 days?
Start 5/4/20 8:00 AM
Finish 5/23/20 11:30 AM

Planning
Duration 10.438 days?
Start 5/4/20 8:00 AM
Finish 5/14/20 11:30 AM

Select Project title
Duration 1 day?
Start 5/4/20 8:00 AM
Finish 5/4/20 5:00 PM

Define project scope
Duration 1 day?
Start 5/5/20 8:00 AM
Finish 5/5/20 5:00 PM

Analysis
Duration 3 days?
Start 5/14/20 11:30 AM
Finish 5/17/20 11:30 AM

Leterature review
Duration 9 days
Start 5/14/20 11:30 AM
Finish 5/23/20 11:30 AM

Define scope
Duration 1 day?
Start 5/21/20 11:30 AM
Finish 5/22/20 11:30 AM

Sprint 1
Duration 20 days?
Start 5/22/20 11:30 AM
Finish 6/11/20 11:30 AM

Design
Duration 3 days?
Start 5/25/20 11:30 AM
Finish 5/28/20 11:30 AM

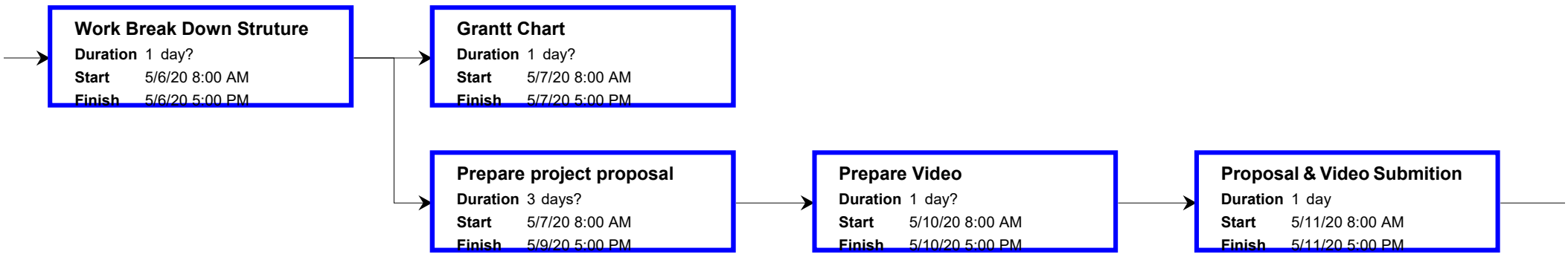
Coding
Duration 7 days
Start 5/28/20 11:30 AM
Finish 6/4/20 11:30 AM

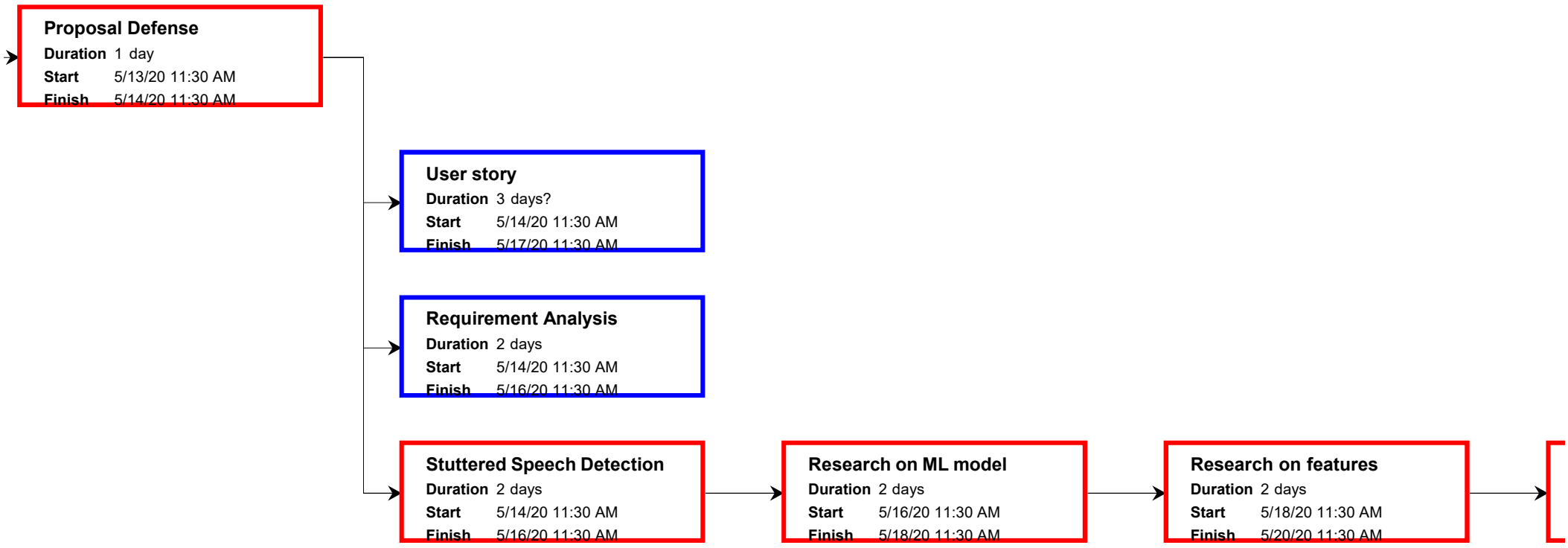
Testing & Debug
Duration 4 days
Start 6/4/20 11:30 AM
Finish 6/8/20 11:30 AM

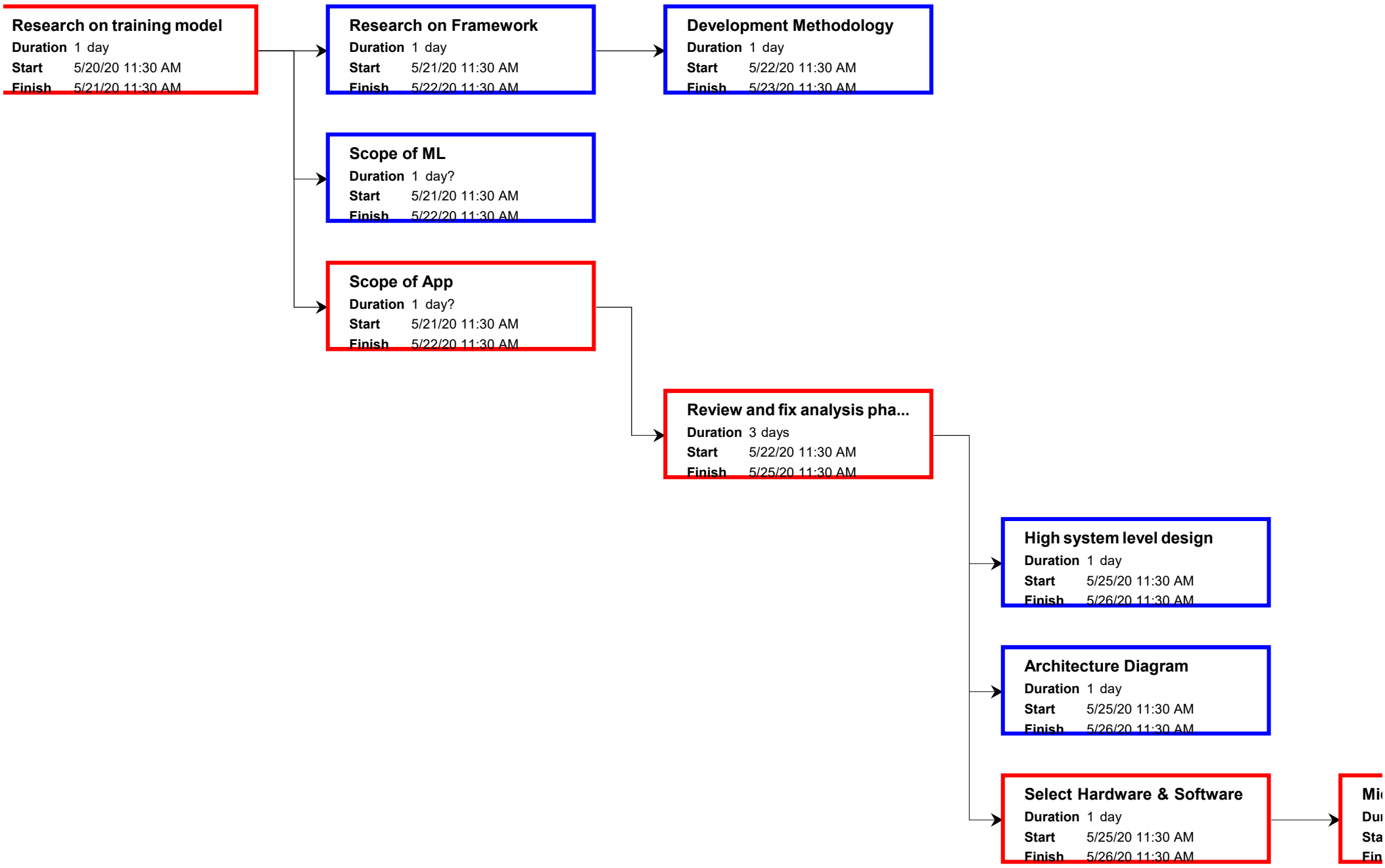
Review
Duration 3 days?
Start 6/8/20 11:30 AM
Finish 6/11/20 11:30 AM

Sprint 2
Duration 18 days?
Start 6/11/20 11:30 AM
Finish 6/29/20 11:30 AM

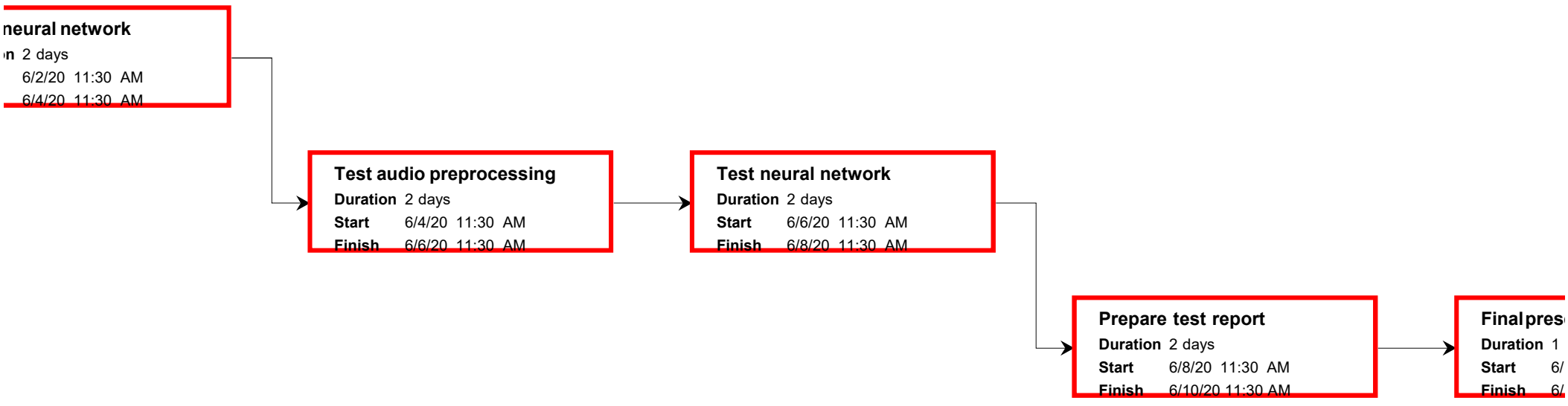
Design

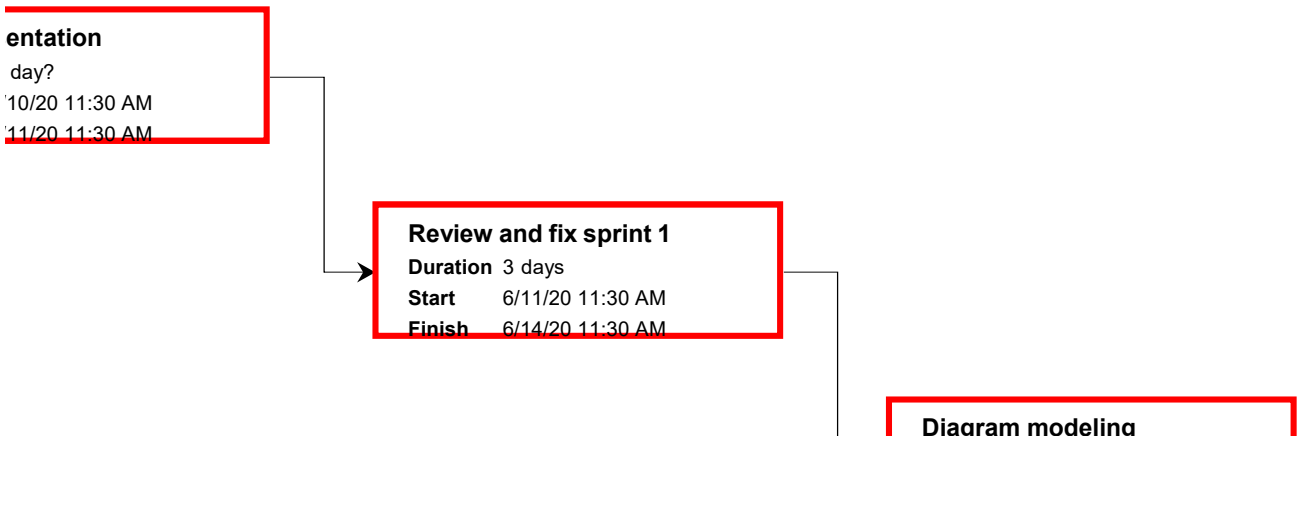

Work Break Down Struture
Duration 1 day?
Start 5/6/20 8:00 AM
Finish 5/6/20 5:00 PM
Grantt Chart
Duration 1 day?
Start 5/7/20 8:00 AM
Finish 5/7/20 5:00 PM
Prepare project proposal
Duration 3 days?
Start 5/7/20 8:00 AM
Finish 5/9/20 5:00 PM
Prepare Video
Duration 1 day?
Start 5/10/20 8:00 AM
Finish 5/10/20 5:00 PM
Proposal & Video Submition
Duration 1 day
Start 5/11/20 8:00 AM
Finish 5/11/20 5:00 PM


Proposal Defense
Duration 1 day
Start 5/13/20 11:30 AM
Finish 5/14/20 11:30 AM
User story
Duration 3 days?
Start 5/14/20 11:30 AM
Finish 5/17/20 11:30 AM
Requirement Analysis
Duration 2 days
Start 5/14/20 11:30 AM
Finish 5/16/20 11:30 AM
Stuttered Speech Detection
Duration 2 days
Start 5/14/20 11:30 AM
Finish 5/16/20 11:30 AM
Research on ML model
Duration 2 days
Start 5/16/20 11:30 AM
Finish 5/18/20 11:30 AM
Research on features
Duration 2 days
Start 5/18/20 11:30 AM
Finish 5/20/20 11:30 AM


Research on training model
Duration 1 day
Start 5/20/20 11:30 AM
Finish 5/21/20 11:30 AM
Research on Framework
Duration 1 day
Start 5/21/20 11:30 AM
Finish 5/22/20 11:30 AM
Development Methodology
Duration 1 day
Start 5/22/20 11:30 AM
Finish 5/23/20 11:30 AM
Scope of ML
Duration 1 day?
Start 5/21/20 11:30 AM
Finish 5/22/20 11:30 AM
Scope of App
Duration 1 day?
Start 5/21/20 11:30 AM
Finish 5/22/20 11:30 AM
Review and fix analysis pha...
Duration 3 days
Start 5/22/20 11:30 AM
Finish 5/25/20 11:30 AM
High system level design
Duration 1 day
Start 5/25/20 11:30 AM
Finish 5/26/20 11:30 AM
Architecture Diagram
Duration 1 day
Start 5/25/20 11:30 AM
Finish 5/26/20 11:30 AM
Select Hardware & Software
Duration 1 day
Start 5/25/20 11:30 AM
Finish 5/26/20 11:30 AM

d Sem Checkpoint
ration 1 day?
ırt 5/26/20 11:30 AM
ish 5/27/20 11:30 AM
UIDesign
Duration 1 day
Start 5/27/20 11:30 AM
Finish 5/28/20 11:30 AM
Data preparation
Duration 2 days
Start 5/28/20 11:30 AM
Finish 5/30/20 11:30 AM
Audio preprocessing
Duration 3 days
Start 5/30/20 11:30 AM
Finish 6/2/20 11:30 AM
Build
Duratio
Start
Finish


neural network
n 2 days
6/2/20 11:30 AM
6/4/20 11:30 AM
Test audio preprocessing
Duration 2 days
Start 6/4/20 11:30 AM
Finish 6/6/20 11:30 AM
Test neural network
Duration 2 days
Start 6/6/20 11:30 AM
Finish 6/8/20 11:30 AM
Prepare test report
Duration 2 days
Start 6/8/20 11:30 AM
Finish 6/10/20 11:30 AM
Final pres
Duration 1
Start 6/
Finish 6/


entation
day?
10/20 11:30 AM
11/20 11:30 AM
Review and fix sprint 1
Duration 3 days
Start 6/11/20 11:30 AM
Finish 6/14/20 11:30 AM
Diagram modeling

Design
Duration 2 days
Start 6/14/20 11:30 AM
Finish 6/16/20 11:30 AM

Coding
Duration 10 days
Start 6/16/20 11:30 AM
Finish 6/26/20 11:30 AM

Testing & debug
Duration 3 days?
Start 6/26/20 11:30 AM
Finish 6/29/20 11:30 AM

Review
Duration 1 day
Start 6/28/20 11:30 AM
Finish 6/29/20 11:30 AM

Sprint 3
Duration 16 days?
Start 6/29/20 11:30 AM
Finish 7/15/20 11:30 AM

Design
Duration 2 days?
Start 6/30/20 11:30 AM
Finish 7/2/20 11:30 AM

Coding
Duration 10 days
Start 7/2/20 11:30 AM
Finish 7/12/20 11:30 AM

Testing & Debug
Duration 2 days
Start 7/12/20 11:30 AM
Finish 7/14/20 11:30 AM

Review
Duration 1 day?
Start 7/14/20 11:30 AM
Finish 7/15/20 11:30 AM

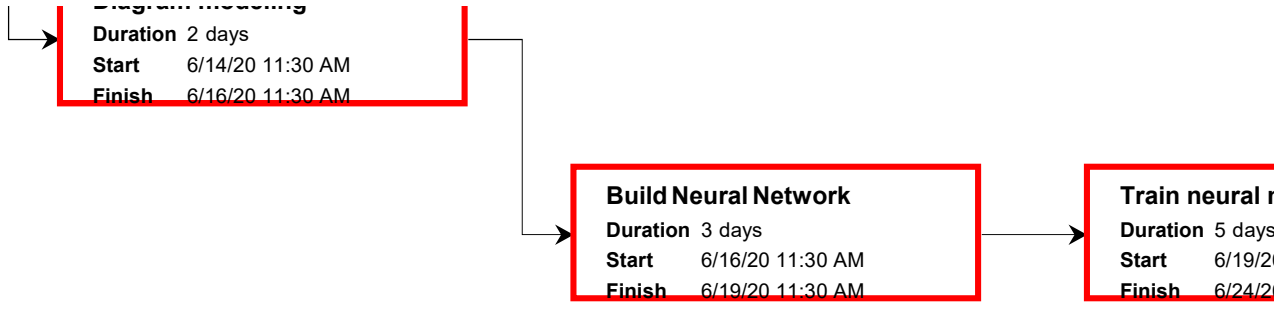
Sprint 4
Duration 35 days?
Start 7/15/20 11:30 AM
Finish 8/19/20 11:30 AM

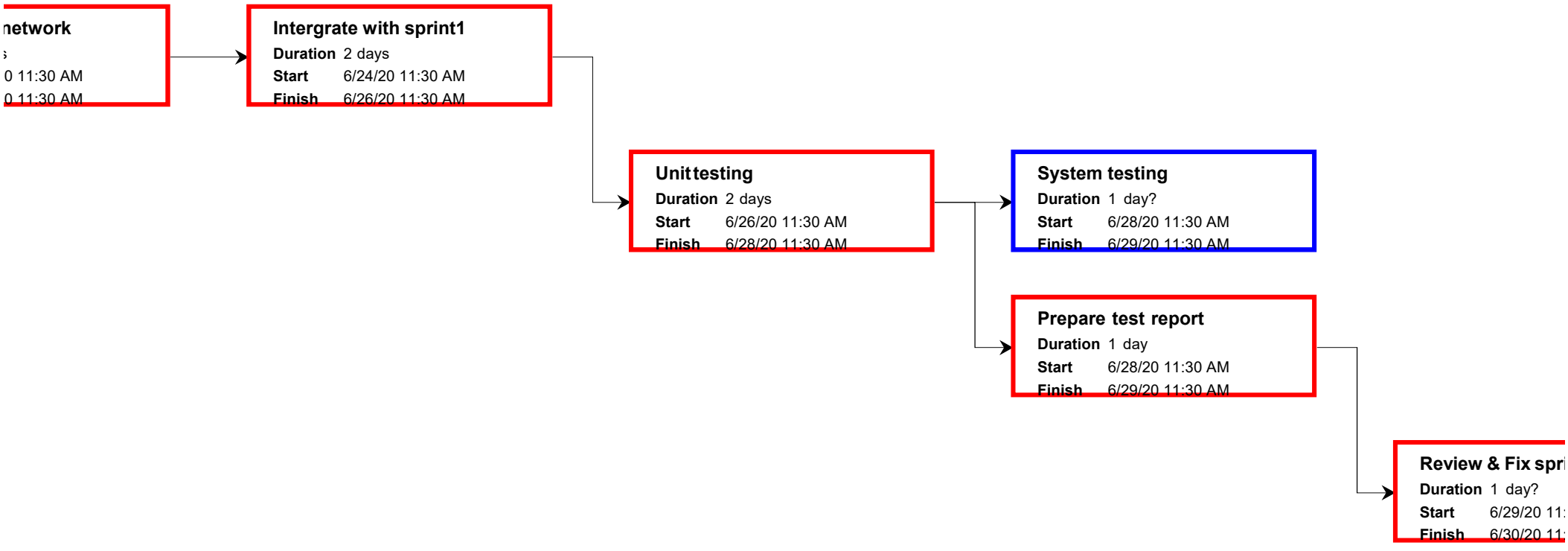
Analysis
Duration 8 days
Start 7/18/20 11:30 AM
Finish 7/26/20 11:30 AM

Design
Duration 3 days
Start 7/26/20 11:30 AM
Finish 7/29/20 11:30 AM

Coding
Duration 14 days
Start 7/29/20 11:30 AM
Finish 8/12/20 11:30 AM

Testing & Debug
Duration 7 days?
Start 8/12/20 11:30 AM
Finish 8/19/20 11:30 AM


Duration 2 days
Start 6/14/20 11:30 AM
Finish 6/16/20 11:30 AM
Build Neural Network
Duration 3 days
Start 6/16/20 11:30 AM
Finish 6/19/20 11:30 AM
Duration 5 days
Start 6/19/2
Finish 6/24/2


network
0 11:30 AM
0 11:30 AM
Intergrate with sprint1
Duration 2 days
Start 6/24/20 11:30 AM
Finish 6/26/20 11:30 AM
Unit testing
Duration 2 days
Start 6/26/20 11:30 AM
Finish 6/28/20 11:30 AM
System testing
Duration 1 day?
Start 6/28/20 11:30 AM
Finish 6/29/20 11:30 AM
Prepare test report
Duration 1 day
Start 6/28/20 11:30 AM
Finish 6/29/20 11:30 AM
Review & Fix spri
Duration 1 day?
Start 6/29/20 11:
Finish 6/30/20 11:

int 2

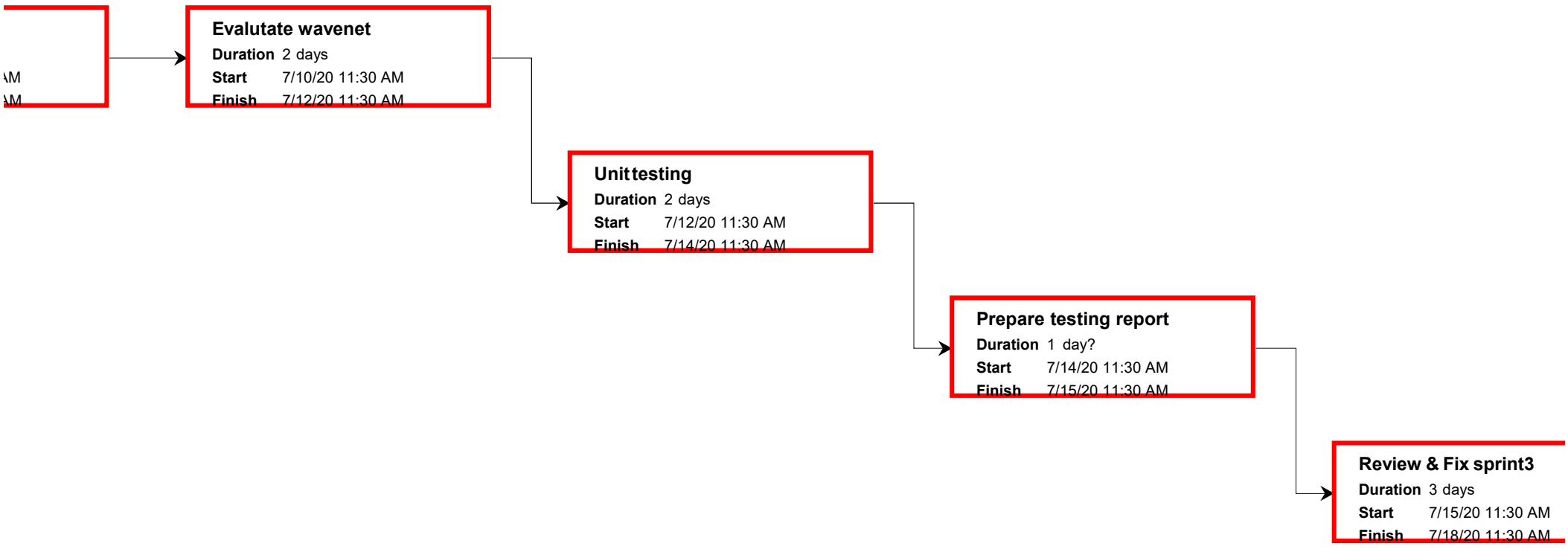
:30 AM
:30 AM

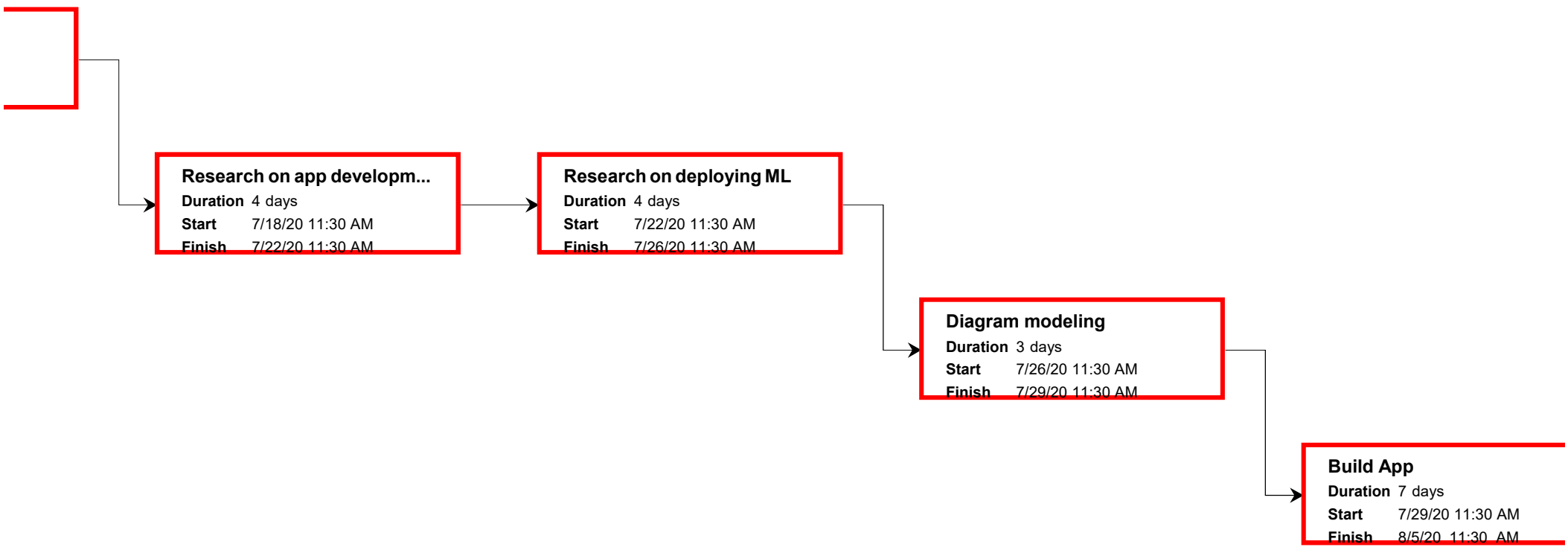
prepare test plan
Duration 1 day?
Start 6/30/20 11:30 AM
Finish 7/1/20 11:30 AM

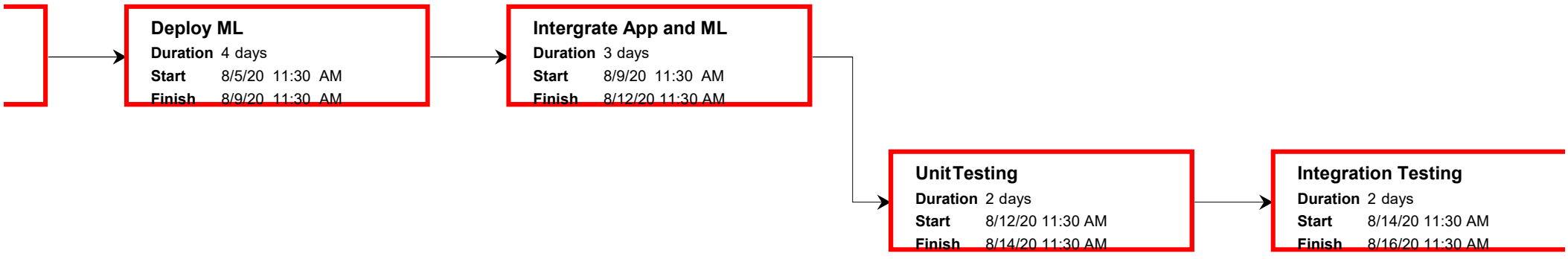
refine diagram
Duration 1 day?
Start 7/1/20 11:30 AM
Finish 7/2/20 11:30 AM

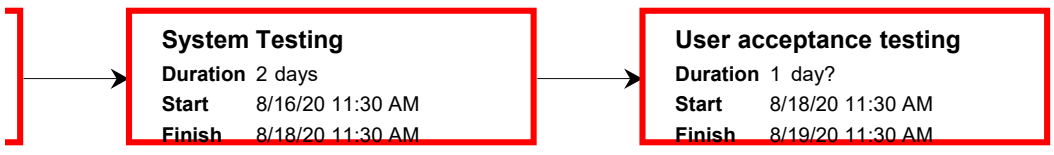
Build Wavenet
Duration 3 days
Start 7/2/20 11:30 AM
Finish 7/5/20 11:30 AM

Train wavenet
Duration 5 days
Start 7/5/20 11:30 A
Finish 7/10/20 11:30 A


AM
AM
Evalutate wavenet
Duration 2 days
Start 7/10/20 11:30 AM
Finish 7/12/20 11:30 AM
Unit testing
Duration 2 days
Start 7/12/20 11:30 AM
Finish 7/14/20 11:30 AM
Prepare testing report
Duration 1 day?
Start 7/14/20 11:30 AM
Finish 7/15/20 11:30 AM
Review & Fix sprint3
Duration 3 days
Start 7/15/20 11:30 AM
Finish 7/18/20 11:30 AM


Research on app developm...
Duration 4 days
Start 7/18/20 11:30 AM
Finish 7/22/20 11:30 AM
Research on deploying ML
Duration 4 days
Start 7/22/20 11:30 AM
Finish 7/26/20 11:30 AM
Diagram modeling
Duration 3 days
Start 7/26/20 11:30 AM
Finish 7/29/20 11:30 AM
Build App
Duration 7 days
Start 7/29/20 11:30 AM
Finish 8/5/20 11:30 AM


Deploy ML
Duration 4 days
Start 8/5/20 11:30 AM
Finish 8/9/20 11:30 AM
Intergrate App and ML
Duration 3 days
Start 8/9/20 11:30 AM
Finish 8/12/20 11:30 AM
UnitTesting
Duration 2 days
Start 8/12/20 11:30 AM
Finish 8/14/20 11:30 AM
Integration Testing
Duration 2 days
Start 8/14/20 11:30 AM
Finish 8/16/20 11:30 AM


System Testing
Duration 2 days
Start 8/16/20 11:30 AM
Finish 8/18/20 11:30 AM
User acceptance testing
Duration 1 day?
Start 8/18/20 11:30 AM
Finish 8/19/20 11:30 AM